

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("7068649").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:53
S1	78	(batra near anuj).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:14
S2	50	(balakrishnan near jaiganesh).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:14
S4	246	(dabak near anand).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:14
S5	312	S1 S2 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:14
S6	55	S5 and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:14
S7	12	S5 and preamble and zero and position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:16
S8	12	tft adj ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:15

## EAST Search History

S9	6	preamble and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 22:16
S10	0	("2004/0179507").URPN.	USPAT	OR	ON	2007/03/29 22:19
S11	0	S8 and (not S9)	USPAT	OR	ON	2007/03/29 22:19
S12	0	("2005/0047444").URPN.	USPAT	OR	ON	2007/03/29 23:35
S13	2	("6592474").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 23:35
S14	2	("20040179507").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 16:01
S15	2	("20040005016").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 22:41
S16	15199	tft (time near frequency near interleav\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:41
S17	40	ofdm and preamble and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:44
S18	2507	"802.15"\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:46

## EAST Search History

S19	19	"32" and S18 and plcp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:47
S20	24327033	@ad<"20030610"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:56
S21	1	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:48
S22	2507	"802.15"\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:48
S23	19	"32" and S22 and plcp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 23:50
S24	24327033	@ad<"20030610"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 13:30
S25	1	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:48
S26	0	(zero near pad\$3) near (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 23:51

## EAST Search History

S27	21	(zero near pad\$3) same (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 14:57
S28	24327033	@ad<"20030610"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 23:51
S29	16	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 23:52
S30	38	tft and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:46
S31	127	((time near frequency near interleav\$4) tft) and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:46
S32	21	(zero near pad\$3) same (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:55
S33	231	plcp near (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:55
S34	21	(plcp near (midamble preamble postamble) ) same zero\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:56

## EAST Search History

S35	41	S32 or S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:56
S36	24327880	@ad<"20030610"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:56
S37	23	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:56
S38	2	("20050078598").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/27 15:15
S39	23	((("20040047285") or ("6449246") or ("20040005016") or ("7170849") or ("7206350") or ("7209455") or ("20010028637") or ("20020085641") or ("20040008617") or ("20050220002")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/27 15:15
S40	0	S39 and ((\$4amble) with zero\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:16
S41	9	S39 and zero\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:16
S42	3	S39 and preamble and zero\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:16
S43	0	("7068649").URPN.	USPAT	OR	ON	2007/06/28 13:25

## EAST Search History

S44	8	("20020003835"   "20020019966"   "5377230"   "6285754"   "6329937"   "6732315"   "6868072"   "6922407"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 13:25
S45	5	preamble and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 13:25
S46	21	(plcp near (midamble preamble postamble) ) same zero\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 13:27
S47	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:13
S48	7	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 13:47
S51	2542	"802.15"\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 13:47
S52	326	preamble and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 14:01
S53	44	S52 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 14:03

## EAST Search History

S54	6	(zero\$2 same preamble) and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 14:57
S55	17	(zero\$2 adj pad\$3) same (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 15:03
S56	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:18
S57	11	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 15:02
S58	2	("20050170831").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/28 15:02
S59	0	("2005/0170831").URPN.	USPAT	OR	ON	2007/06/28 15:03
S60	2	("20050135229").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/28 15:03
S61	2814	(zero\$2 ) same (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 15:04
S62	745	ofdm and ((time and frequency) with interleav\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 15:04

## EAST Search History

S63	1	S56 S61 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/28 15:10
S64	8	("20020003835"   "20020019966"   "5377230"   "6285754"   "6329937"   "6732315"   "6868072"   "6922407"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 15:12
S65	5	S64 and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 15:12
S66	1	(ps and fs and ce) near preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:12
S67	234	plcp near preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:12
S68	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 11:48
S69	56	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:13
S70	8	("20010024454"   "5621773"   "5673296"   "5960048"   "6279022"   "6594327"   "6657954"   "6741667"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 16:24
S71	1	S70 and (preamble training)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:25



## EAST Search History

S72	0	("7136436").URPN.	USPAT	OR	ON	2007/06/28 16:25
S73	7695	(preamble training) same zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:25
S74	22	plcp and S68 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:27
S75	15	(preamble postamble midamble) same (((packet and frame) near synchroniz\$6) and (channel adj estimat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:32
S76	29	((preamble postamble midamble training) same zero) and (((packet and frame) near synchroniz\$6) and (channel adj estimat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:34
S77	24	S68 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:33
S78	0	plcp and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:34
S79	727	plcp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:34
S80	452	plcp and (preamble training)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:34

## EAST Search History

S81	95	S68 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:34
S82	0	S81 and (((packet and frame) near synchroniz\$6) and (channel adj estimat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:34
S84	1	S81 and (zero near (pad padded padding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:35
S85	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:09
S86	452	plcp and (preamble training)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:09
S87	95	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:09
S88	53	S87 and zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:21
S89	30	S87 and ((zero "0") same (preamble training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:18

## EAST Search History

S90	192	(time and frequency) near interleav\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:18
S91	101	ofdm and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:18
S92	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:18
S93	0	plcp and S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:19
S94	1	preamble and S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:20
S95	48	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:44
S96	1	preamble and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:45
S97	3	preamble and S90 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:46

## EAST Search History

S98	12	training and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 18:45
S99	5839	filter\$4 with (fft ifft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 11:47
S10 0	1210	ofdm and filter\$4 and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 11:48
S10 1	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 11:48
S10 2	26	plcp and S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 11:49
S10 3	22	S102 and (fft ifft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 11:49
S10 4	6	(US-20060215779-\$ or US-20040179507-\$ or US-20050047444-\$ or US-20040101068-\$ or US-20040022174-\$).did. or (US-7068649-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/29 12:11
S10 5	4	S104 and (memory ram rom storage register buffer table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 12:12

## EAST Search History

S10 6	20	S103 and (memory ram rom storage register buffer table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 12:15
S10 7	2	("20030007190").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:15
S10 8	1	S107 and (memory ram rom storage register buffer table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 12:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3915	375/130,131,135,146,295.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 13:04
L2	1210	ofdm and filter\$4 and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 13:04
L3	23887895	@ad<"20030311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 13:04
L4	26	plcp and L2 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 13:04
L5	2	1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 13:05